

393913119424001 Local number 085 N21 E20 26CAA2 LYSIMETER 1 DEEP

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°39'12.6", long 119°42'40.3" referenced to North American Datum of 1983, in NW ¼ SE ¼ SW ¼ sec.26, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 9 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
06...	1423	Interstitial water	2,520	112	.06	152	.010	149
Nov								
03...	1003	Interstitial water	2,610	107	E.02	128	<.008	139
Dec								
08...	1017	Interstitial water	--	109	.13	241	E.004	230
Mar								
02...	1252	Interstitial water	1,980	104	E.02	105	<.008	112
Apr								
06...	0948	Interstitial water	2,060	102	<.04	95.2	<.008	99.6
May								
05...	1120	Interstitial water	1,700	95.9	<.04	88.5	<.008	94.9
05...	1125	<i>Replicate</i>	2,170	96.4	<.04	94.6	<.008	98.2
Jun								
02...	0942	Interstitial water	2,170	91.7	<.04	99.6	<.008	99.9
Jul								
07...	0910	Interstitial water	2,200	92.3	.06	106	<.008	105
Aug								
03...	0947	Interstitial water	2,100	87.4	<.04	99.8	<.008	113
Sep								
08...	0922	Interstitial water	1,810	80.7	<.04	95.2	<.008	99.4

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	0940	Interstitial water	2,120	77.1	<.04	91.4	<.008	91.6
Nov								
02...	0935	Interstitial water	1,710	77.4	<.04	81.1	<.008	93.2
30...	0957	Interstitial water	1,840	78.3	<.04	92.8	<.008	84.6
Dec								
22...	0946	Interstitial water	1,900	82.7	<.04	92.2	<.008	95.5